



CENTER FOR COASTAL STUDIES, 0209  
SCRIPPS INSTITUTION OF OCEANOGRAPHY

9500 GILMAN DRIVE  
LA JOLLA, CALIFORNIA 92093-0209  
PHONE: (619) 534-4333  
FAX: (619) 534-0300

September 16, 1998

Dr. Thomas Kinder (3)  
Scientific Officer, Code 321CD  
Office of Naval Research  
Ballston Centre Tower One  
800 North Quincy Street  
Arlington, VA 22217-5660

Administrative Grants Officer (1)  
Office of Naval Research  
San Diego Regional Office  
4520 Executive Dr. Ste. 300  
San Diego, CA 92121-3019

Director, Naval Research Laboratory (1)  
Attn: Code 2627  
4555 Overlook Drive  
Washington, DC 20375-5326

Defense Technical Information Center (2)  
8725 John J. Kingman Rd., Ste. 0944  
Ft. Belvoir, VA 22060-6218

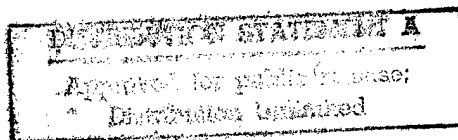
Office of Naval Research (1)  
Ballston Centre Tower One  
Attn: ONR OOC1, Mr. William McCarthy  
800 North Quincy Street  
Arlington, VA 22217-5660

SUBJECT: Final Technical Report  
ONR Award No. N00014-95-1-1073  
PI: Dr. Clinton D. Winant

Enclosed for your records is the final technical report for the above referenced grant.

Sincerely,

Ann F. Dunbar  
Contract & Grant Assistant  
SIO, UCSD



Cc: Ms. Nancy Wilson  
Dr. Clinton Winant

**REPORT DOCUMENTATION PAGE**

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<b>4. TITLE AND SUBTITLE</b> Continental Shelf Broadband Acoustic Doppler Current Profiler Facility			<b>5. FUNDING NUMBERS</b> ONR N00014-95-1-1073	
<b>6. AUTHOR(S)</b> Dr. Clinton D. Winant				
<b>7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)</b> Scripps Institution of Oceanography, Center for Coastal Studies 9500 Gilman Drive La Jolla, CA 92093-0209			<b>8. PERFORMING ORGANIZATION REPORT NUMBER</b>	
<b>9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)</b> Office of Naval Research Attn: Dr. Thomas Kinder 800 North Quincy Street Arlington, VA 22217-5500			<b>10. SPONSORING/MONITORING AGENCY REPORT NUMBER</b>	
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<b>12a. DISTRIBUTION/AVAILABILITY STATEMENT</b> Unrestricted			<b>12b. DISTRIBUTION CODE</b>	
<b>13. ABSTRACT (Maximum 200 words)</b> The following instruments were purchased from RD Instruments (RDI): six (6) 300 kHz Workhorse Sentinel Broadband Acoustic Doppler Current Profilers (ADCP's); one (1) 150 kHz Broadband Acoustic Doppler Current Profiler; and two (2) accessory battery packs.  These instruments were deployed repeatedly in support of the ONR-sponsored research of littoral internal waves. The equipment is part of a pool maintained at the UCSD/SIO Hydraulics Lab and available to any investigator for the cost of preparation and a modest maintenance fee.				
<b>14. SUBJECT TERMS</b> littoral internal waves, ONR, acoustic doppler current profilers, adcp, continental margin, Winant, Goodman, Lerczak, RD Instruments, RDI.			<b>15. NUMBER OF PAGES</b> 2	
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Results from ONR Grant No. N00014-95-1-1073

Amount: \$202,941.00

Duration: 07 June 1995 through 06 June 1996.

Summary:

We purchased the following from RD Instruments (RDI):

six (6) 300 kHz Workhorse Sentinel Broadband Acoustic Doppler Current Profilers (ADCP's);

one (1) 150 kHz Broadband Acoustic Doppler Current Profiler;

and two (2) accessory battery packs.

These instruments were deployed repeatedly in support of the ONR-sponsored research of litoral internal waves (ONR Grant No. N00014-96-1-0031, "Internal Waves on the Continental Margin"), funded by Louis Goodman. The measurements from the instruments is being analyzed by James Lerczak in support of the research he is conducting as part of his Ph.D. His support is provided under an AASERT grant.

The equipment is part of a pool maintained by Charlie Coughran at the SIO Hydraulics Lab and available to any investigator for the cost of preparation and a modest maintenance fee. So far Ken Melville is the only other scientist to have used the gear, but we have several requests for next year.

Publications: none as yet

Key Words: litoral internal waves, ONR, acoustic doppler current profilers, adcp, continental margin, Winant, Goodman, Lerczak, RD Instruments, RDI.

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